

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,960,254 B2  
APPLICATION NO. : 10/623967  
DATED : November 1, 2005  
INVENTOR(S) : Zheng Lu and Steven L. Kimbel

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14

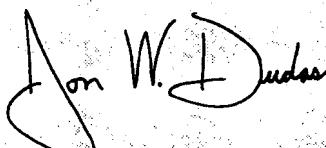
Claim 6, line 4, "to control to cooling" should read -- to control the cooling --.

Claim 8, line 18 "the ingot; and" should read -- the ingot: an --.

Claim 9, line 38, "to control to cooling" should read -- to control the cooling --.

Signed and Sealed this

Twenty-eighth Day of August, 2007



A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is written over a faint, illegible background text that appears to be a title or official name.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*